[CMSC 425/525] In-Class Exercise: Input-Space Partitioning

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Consider the method intersection() below, along with two characteristics:

- Does the partition "Type of s1" satisfy the completeness property? If not, give a value for s1 that does not fit in any block. Yes, because none of the blocks overlap and they cover all types possible
- Does the partition "Type of s1" satisfy the disjointness property? If not, give a value for s1 that fits in more than one block. No, because none of the blocks overlap
- If necessary, fix "Type of s1".
- Does the partition "Relation between s1 and s2" satisfy the completeness property? If not, give a pair
 of values for s1 and s2 that does not fit in any block. Yes, because none of the blocks overlap and they cover
 all types possible
- Does the partition "Relation between s1 and s2" satisfy the disjointness property? If not, give a pair of values for s1 and s2 that fits in more than one block. No, because none of the blocks overlap
- If necessary, fix "Relation between s1 and s2".